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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/729,475-Conf. #3082
				Filing Date	December 5, 2003
				First Named Inventor	Steve PAKOLA
				Art Unit	1651
				Examiner Name	T. Kim
Sheet	2	of	6	Attorney Docket Number	0113476.00122US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Asami T, Terasaki H, Kachi S, Nakamura M, Yamamura K, Nabeshima T, and Miyake Y (2004) Ultrastructure of internal limiting membrane removed during plasmin-assisted vitrectomy from eyes with diabetic macular edema. Ophthalmology, 111, 231-237.	
	CB	Azzolini C, D'Angelo A, Maestranzi G, Codenotti M, Della Valle PPM, and Brancato R (2005) Intracavitary plasmin enzyme in diabetic macular edema. Am J Ophthalmol, 139, 949-950.	
	CC	Azzolini C, D'Angelo A, Maestranzi G, Codenotti M, Della VP, Prati M, and Brancato R (2004) Intracavitary plasmin enzyme in diabetic macular edema. Am J Ophthalmol, 138, 560-566.	
	CD	Bhisitkul RB (2001) Anticipation for enzymatic vitreolysis. Br J Ophthalmol, 85, 1-2.	
	CE	Bishop PN (2000) Structural macromolecules and supramolecular organisation of the vitreous gel. Prog Retin Eye Res, 19, 323-344.	
	CF	Chen W, Huang X, Ma XW, Mo W, Wang WJ, and Song HY (2008) Enzymatic vitreolysis with recombinant microplasminogen and tissue plasminogen activator. Eye, 22, 300-307.	
	CG	Chow et al. "Successful Closure Of Traumatic Macular Holes" The Journal of Retinal and Vitreous Diseases, Vol. 19, No. 5, 1999 (405-409)	
	CH	Collen, D. "Revival of Plasmin as a Therapeutic Agent?" Thromb Haemost 2001; 86: 731-2	
	CI	Foos, Robert Y. "Vitreoretinal juncture; topographical variations" Investigative Ophthalmology, October 1972, Vol. 11, No. 10, (801-808)	
	CJ	Gandorfer A (2008) Experimental evaluation of microplasmin - an alternative to vital dyes. Dev Ophthalmol, 42, 153-159.	

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	CK	Gandorfer A and Kampik A (2005) Intrasturgical plasmin enzyme in diabetic macular edema. Am J Ophthalmol, 139, 949.	
	CL	Goldberg GI, Strongin A, Collier IE, Genrich LT, and Marmer BL (1992) Interaction of 92-kDa type IV collagenase with the tissue inhibitor of metalloproteinases prevents dimerization, complex formation with interstitial collagenase, and activation of the proenzyme with stromelysin. J Biol Chem, 267, 4583-4591.	
	CM	Hara A (1994) Surface structure of rabbit and human retina after enzymatic separation of inner limiting membrane. Jpn J Ophthalmol, 38, 375-381.	
	CN	Hermei M and Schrage NF (2007) Efficacy of plasmin enzymes and chondroitinase ABC in creating posterior vitreous separation in the pig: a masked, placebo-controlled in vivo study. Graefes Arch Clin Exp Ophthalmol, 245, 399-406.	
	CO	Jorge R, Oyamaguchi EK, Cardillo JA, Gobbi A, Laicine EM, and Haddad A (2003) Intravitreal injection of dispase causes retinal hemorrhages in rabbit and human eyes. Curr Eye Res, 26, 107-112.	
	CP	Joshi MM, Ciaccia S, Trese MT, and Capone A, Jr. (2006a) Posterior hyaloid contracture in pediatric vitreoretinopathies. Retina, 26, S38-S41.	
	CQ	Joshi MM, Drenser K, Hartzer M, Dailey W, Capone A, Jr., and Trese MT (2006b) Intrastaphis cavity fluid composition in congenital X-linked retinoschisis. Retina, 26, S57-S60.	
	CR	Khono et al. "Immunofluorescent Studies of Fibronectin and Laminin in the Human Eye" Investigate Ophthalmology & Visual Science, vol. 28. March 1987. (506-514)	
	CS	Kim NJ, Yu HG, Yu YS, and Chung H (2004) Long-term effect of plasmin on the vitreolysis in rabbit eyes. Korean J Ophthalmol, 18, 35-40.	
	CT	Laryukhina GM and Ziangirova GG (1977) Experimental enzymatic vitreolysis. Vestn Oftalmol (6) 76-79.	

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	CU	Li X, Shi X, and Fan J (2002) Posterior vitreous detachment with plasmin in the isolated human eye. Graefes Arch Clin Exp Ophthalmol, 240, 56-62.	
	CV	Marder et al. "Plasmin Induces Local Thrombolysis Without Causing Hemorrhage: A Comparison with Tissue Plasminogen Activator in the Rabbit" Thromb Haemost 2001; 86: 739-45	
	CW	Moser TL, Enghild JJ, Pizzo SV, and Stack MS (1993) The extracellular matrix proteins laminin and fibronectin contain binding domains for human plasminogen and tissue plasminogen activator. J Biol Chem, 268, 18917-18923.	
	CX	Okajima K, Abe H, and Binder BR (1995) Endothelial cell injury induced by plasmin in vitro. J Lab Clin Med, 126, 377-384.	
	CY	Powell JR and Castellino FJ (1980) Activation of human neo-plasminogen-Val442 by urokinase and streptokinase and a kinetic characterization of neoplasmin-Val442. J Biol Chem, 255, 5329-5335.	
	CZ	Proksch JW, Driot JY, Vandeberg P, and Ward KW (2008) Nonclinical safety and pharmacokinetics of intravitreally administered human-derived plasmin in rabbits and minipigs. J Ocul Pharmacol Ther, 24, 320-332	
	CA1	Quiram PA, Leverenz VR, Baker RM, Dang L, Giblin FJ, and Trese MT (2007) Microplasmin-induced posterior vitreous detachment affects vitreous oxygen levels. Retina, 27, 1090-1096.	
	CB1	Rizzo S, Pellegrini G, Benocci F, Belting C, Baicchi U, and Vispi M (2006) Autologous plasmin for pharmacologic vitreolysis prepared 1 hour before surgery. Retina, 26, 792-796.	
	CC1	Sakuma et al. "Efficacy of autologous plasmin for idiopathic macular hole surgery" 2005 (Eur J Ophthalmol 15, 787-794)	
	CD1	Sakuma T, Tanaka M, Inoue J, Mizota A, Souri M, and Ichinose A (2006) Use of autologous plasmin during vitrectomy for diabetic maculopathy. Eur J Ophthalmol, 16, 138-140.	

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	CE1	Sebag J (1998) Pharmacologic vitreolysis. Retina, 18, 1-3.	
	CF1	Sebag J (2002) Is pharmacologic vitreolysis brewing Retina, 22, 1-3.	
	CG1	Sebag J (2005) Molecular biology of pharmacologic vitreolysis. Trans Am Ophthalmol Soc, 103, 473-494.	
	CH1	Sebag J and Balazs EA (1989) Morphology and ultrastructure of human vitreous fibers. Invest Ophthalmol Vis Sci, 30, 1867-1871.	
	CI1	Sebag J, Ansari RR, and Suh KI (2007) Pharmacologic vitreolysis with microplasmin increases vitreous diffusion coefficients. Graefes Arch Clin Exp Ophthalmol, 245, 576-580.	
	CJ1	Shapiro SD, Fliszar CJ, Broekelmann TJ, Mecham RP, Senior RM, and Welgus HG (1995) Activation of the 92-kDa gelatinase by stromelysin and 4-aminophenylmercuric acetate. Differential processing and stabilization of the carboxyl-terminal domain by tissue inhibitor of metalloproteinases (TIMP). J Biol Chem, 270, 6351-6356.	
	CK1	Stack MS, Moser TL, and Pizzo SV (1992) Binding of human plasminogen to basement-membrane (type IV) collagen. Biochem J, 284, 103-108.	
	CL1	Staubach F, Nover V, and Janknecht P (2004) Enzyme-assisted vitrectomy in enucleated pig eyes: a comparison of hyaluronidase, chondroitinase, and plasmin. Curr Eye Res, 29, 261-268.	
	CM1	Takano A, Hirata A, Inomata Y, Kawaji T, Nakagawa K, Nagata S, and Tanihara H (2005) Intravitreal plasmin injection activates endogenous matrix metalloproteinase-2 in rabbit and human vitreous. Am J Ophthalmol, 140, 654-660.	
	CN1	Takano A, Hirata A, Ogasawara K, Sagara N, Inomata Y, Kawaji T, and Tanihara H (2006) Posterior vitreous detachment induced by nattokinase (subtilisin NAT): a novel enzyme for pharmacologic vitreolysis. Invest Ophthalmol Vis Sci, 47, 2075-2079.	

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	CO1	Trese MT (2000) Enzymatic vitreous surgery. Semin Ophthalmol, 15, 116-121.	
	CP1	Wang F, Wang Z, Sun X, Wang F, Xu X, and Zhang X (2004) Safety and efficacy of dispase and plasmin in pharmacologic vitreolysis. Invest Ophthalmol Vis Sci, 45, 3286-3290.	
	CQ1	Wang ZL, Zhang X, Xu X, Sun XD, and Wang F (2005) PVD following plasmin but not hyaluronidase: implications for combination pharmacologic vitreolysis therapy. Retina, 25, 38-43.	
	CR1	Wu HL, Shi GY, and Bender ML (1987) Preparation and purification of microplasmin. Proc Natl Acad Sci U S A, 84, 8292-8295.	
	CS1	Wu WC, Drenser KA, Capone A, Williams GA, and Trese MT (2007a) Plasmin enzyme-assisted vitreoretinal surgery in congenital X-linked retinoschisis: surgical techniques based on a new classification system. Retina, 27, 1079-1085.	
	CT1	Wu WC, Drenser KA, Trese MT, Williams GA, and Capone A (2007) Pediatric traumatic macular hole: results of autologous plasmin enzyme-assisted vitrectomy. Am J Ophthalmol, 144, 668-672.	
	CU1	Suenson, Elisabeth and Thorsen, Sixtus. "Secondary-site binding of Glu-plasmin, Lys-plasmin and miniplasmin to fibrin" Biochem. J. (1981) 197, 619-628	
	CV1	Gonias, Steven and Figler, Nancy. " $\alpha$ 2-Macroglobulin is the primary inhibitor of miniplasmin <i>in vitro</i> and <i>in vivo</i> in the mouse" Biochem. J. (1988) 255, 725-730.	

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